

23552

Port of Survey Hiel
Date of Survey 14 Feb 1914
Name of Surveyor Geo. Bykes

BRIDGE HOUSES, OR
Shelter deck

Port of Registry
and Nationality.
Hamburg
German

Official
Number.Gross
Tonnage.

Date of Build.
1914
3 Mil.

Particulars of Classification.

100A1 Shelter deck with ^{contemplated} ~~ply~~ carrying return in bulk.

Moulded Depth as measured..... 34" 9

$$\begin{array}{r} 35-11\frac{1}{2} \\ \underline{1-3} \\ 34-8\frac{1}{2} \end{array}$$

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness..... 79
Any modification necessary }
[Para. 4 (a) to (e)]* } . 02
Co-efficient as corrected 77

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	525	✓	
Length in Table	415	✓	
Difference	110	✓	
Correction for 10ft., Table A.	1.7		Table C.
× Difference divided by 10	18.7	✓	(if required.)
If $\frac{6}{10}$ ths length covered divide by 2	+ 9.4	✓	

Shear { Stem..... 45 } $92\frac{1}{2} \div 2 = 46\frac{1}{4}$...Mean
at { Sternpost ... $19\frac{1}{2}$ }

Shear at $\frac{1}{3}$ of the length from { Stem $34\frac{1}{2}$ } $39 \div 2 = 19\frac{1}{2}$...Mean
{ Sternpost $4\frac{1}{2}$ }

Gradual mean Sheer $35\frac{1}{2}$ 45

Standard mean Sheer [Table, Para. 18] $62\frac{1}{2}$ Correction

Difference..... $24.05 \div 4 = +6\frac{3}{4}$

§ If limited as Para. 18 (f).....

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered	
Thickness of usual wood deck, less stringer	

Rise in Sheer from amidships [Para. 18 (e)]	{	At front of bridge house.....
	{	At after end of forecastle

¶ Fall in Shear } $\div 2 =$
 Para. 18 (*d*) }
 Length uncovered

CORRECTION FOR ROUND OF BEAM.

NOTE. — The round of beam should be reported on the full breadth of vessel at the gunwale.

Breadth at Gunwale amidships..... 64.6
Round of Beam 16.2
Normal round..... 16.78
Difference $\frac{3}{8}$ $\div 2 =$
Proportion of Deck uncovered (Para. 19)

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... $9-5\frac{1}{2}$ — $3-2\frac{1}{2}$

Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A. corrected for sheer, and ~~for length~~,
if required (Para. 12, 13, and 14) }

Difference

Percentage as below

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }

Allowance for Deck Erections

Freeboard, Table A	9.5.62	9. 5 ³ / ₄ -
Correction for Sheer	676	+ 6 ³ / ₄ ✓
	10=0.38	10= 0 ¹ / ₂ ✓
Correction for Length	9.35	+ 9 ¹ / ₄ ✓
	10=9.73	10= 9 ³ / ₄ ✓
Allowance for Deck Erections	3. 6. 68	3= 6 ³ / ₄ ✓
	7= 3.05	7= 3 ✓
Correction for Round of Beam.....✓		
Correction for fall in Sheer (if any).....✓		
Correction for Iron Deck (if required)		- 3 ¹ / ₂
		6= 11 ¹ / ₂ ✓
Additions for non-compliance with provisions of } Para. 11 (d) and (e) ‡ }		
Other Corrections (if any)		

	Length.	Length allowed.	Height.
Forecastle.....	223.9	221.05	
5.7 overhang) } 215.2		215.25	4.2
Bridge House.....			
Garage opening	4.4	4.55	
+ Raised Gr. Dk.....	4.0		
Poop.....	<u>299.1</u>	<u>299.10</u>	4.2
Total.....	<u>525.0</u>	<u>524.15</u>	
		= 518.15	
		525	
		+ 3.42 = 1/2 diff	
		<u>521.57</u>	
		= .993	
		525	

Winter Freeboard	6 - 11½
Summer Freeboard	6 - 5
Indian Summer Freeboard	5 - 10½
N. A. Winter Freeboard	

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the wood or iron deck with side. } 13/4

Winter Freeboard from deck line	7.	1 $\frac{1}{4}$
Summer " " " "	6.	6 $\frac{3}{4}$
Indian Summer " " "	6.	0 $\frac{1}{4}$
N. A. Winter " " "		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck :—

Fresh Water Line	above	centre of Disc	
Indian Summer Line	"	"	"
Winter Line	below	"	"
Winter North Atlantic Line	"	"	"

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

‡ In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the B.Q.D. is to be taken from the level of the top of the amidship beam.

§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

† State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft, should be reported.

